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## (54) METHOD FOR OPERATION OF WATER TREATMENT PLANT

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for operation of a water treatment plant wherein fouling hardly occurs even when the filtration quantity of a membrane separation apparatus is increased.

**SOLUTION:** Filtration is caused through a membrane surface by making the suction pressure of a suction pump 29 act on a permeated water channel of a membrane separation apparatus. When membrane permeated water flowing into the permeated water channel after permeating a membrane surface is discharged through a permeated water discharging pipe 28, a specific flow quantity of aerated air which is set according to the quantity of a discharged water flow rate of the membrane permeated water is ejected through an aeration device 21, and a membrane surface of the upward membrane separation apparatus 22 is washed.

